

Title (en)

Process for increasing deasphalted oil production from upgraded oil residua.

Title (de)

Verfahren zur Erhöhung der Ausbeute desasphaltierten Öls aus Rückstandsölen.

Title (fr)

Procédé pour augmenter la production d'huile désasphaltée à partir de résidus d'huile.

Publication

EP 0160410 A1 19851106 (EN)

Application

EP 85302289 A 19850402

Priority

US 59743784 A 19840406

Abstract (en)

A process in fuels production for increasing the yield of deasphalted oil production from upgraded residua and improving deasphalter (42) operability involving mixing the upgraded residua with an aromatics solubilizing aid to prevent the formation of an immiscible third phase during deasphalting. The aromatics solubilizing aid may be selected from a cat-cracker (36) fractionator stream of initial boiling point (IBP) from 260 to 430 °C, a heavy cycle gas oil, a heavy coker gas oil and a distilled non-upgraded residuum having an IBP not less than 370 °C.

IPC 1-7

C10G 53/04; **C10G 21/02**; **C10G 67/04**

IPC 8 full level

C10G 21/00 (2006.01); **C10G 55/04** (2006.01); **C10G 67/04** (2006.01)

CPC (source: EP US)

C10G 21/003 (2013.01 - EP US); **C10G 55/04** (2013.01 - EP US); **C10G 67/0454** (2013.01 - EP US)

Citation (search report)

- GB 2024849 A 19800116 - BIPRONAFT
- US 3796653 A 19740312 - GATSIS J

Cited by

FR2689900A1; CN1059696C; NL9200571A

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

EP 0160410 A1 19851106; **EP 0160410 B1 19901107**; CA 1243979 A 19881101; DE 3580388 D1 19901213; JP H055278 B2 19930121; JP S60229985 A 19851115; US 4673485 A 19870616

DOCDB simple family (application)

EP 85302289 A 19850402; CA 477818 A 19850328; DE 3580388 T 19850402; JP 7132585 A 19850405; US 59743784 A 19840406